

4.11-65

The

PATENT Attorney Docket No. TAV-2044/030631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Lippard et al.

Title:

Serial No. 10/656,918

COBALT-NICKEL-CHROMIUM-

MOLYBDENUM ALLOYS WITH

Filing Date: 05 September 2003

REDUCED LEVEL OF TITANIUM

NITRIDE INCLUSIONS

INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222 08 April 2005

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants, in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advise the United States Patent and Trademark Office of the reference listed on the accompanying form PTO/SB/08A (substitute for 1449A/PTO) *Information Disclosure Statement by Applicant*.

"Express Mail" mailing label number	EU150835615US
Date of DepositA	pril 8, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Mail Stop Amendment, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Applicants note that although the cited reference may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Also, by filing this Information Disclosure Statement, Applicants do not necessarily concede that the cited reference is prior art to the above-referenced application.

Respectfully submitted,

Mark R. Leslie

Registration No. 36,360

Kirkpatrick & Lockhart Nicholson Graham LLP Henry W. Oliver Building 535 Smithfield Street Pittsburgh, Pennsylvania 15222-2312

(412) 355-6271 (412) 355-6501 (FAX)

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

			Complete if Known		
Substitute for fo	orm 1449A/PTO			Application Number	10/656,918
				Filing Date	05 September 2003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor	Lippard		
		Art Unit			
				Examiner Name	
(use as	many sheets as	nece.	ssary)		
Sheet	1	of	2	Attorney Docket Number	TAV-2044/030631

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant		
Initials*	No. ¹	Number - Kind Code ² (<i>if known</i>)	MM-DD-YYYY	Applicant of Cited Document	Figures Appear		
	,						
	1						

	FOREIGN PATENT DOCUMENTS							
	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	T			
Examiner Initials*	Cite No. ¹	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶		
						 		
	<u> </u>					+		
						lacksquare		
						+		

Examiner	Date	
Signature	Considered	

PI-1343096 v1 0215785-0279

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

		Complete if Known			
Substitute for fo	orm 1449A/PTO			Application Number	10/656,918
1				Filing Date	05 September 2003
INFORMATION DISCLOSURE			SURE	First Named Inventor	Lippard
STATEMENT BY APPLICANT		Art Unit			
				Examiner Name	
(use as	many sheets as	nece	ssary)		
Sheet	2	of	2	Attorney Docket Number	TAV-2044/030631

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						
		Cockcroft, S. et al., "Inclusions and the EB Refining of Superalloys," Proceedings of the Conference, Electron Beam Melting and Refining State of the Art 1992, John K. Tien Memorial Conference, p. 143-159 (1992)						
		Koenig, R., "The Federal Aviation Administration's (FAA's) Approach to Turbine Engine Certification as it Applies to Critical Titanium Components, "Proceedings of the Conference, Electron Beam Melting and Refining State of the Art 1991, p. 27-30 (1991)						
		ASTM F 1058-02 Standard Specification for Wrought 40Cobalt-20Chromium-16Iron-15Nickel-7Molybdenum Alloy Wire and Strip for Surgical Implant Applications (UNS R30003 and UNS R30008), ASTM International (April 10, 2002)						
		ASTM F 562-02 Standard Specification for Wrought 35Cobalt-35Nickel-20Chromium- 10Molybdenum Alloy for Surgical Implant Applications (UNS R30035), ASTM International (April 10, 2002)						
								
·								

Examiner		Date	
Signature	. ,	Considered	

PI-1343096 v1 0215785-0279

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.